

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | DBs                                                                     | Default Operator | Plurals | Time Stamp          |
|-------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|------------------|---------|---------------------|
| L1    | 2    | ("4939746").PNL                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | US-PGRUB;<br>USPAT;<br>DERWENT                                          | OR               | OFF     | 2010/01/05<br>13:21 |
| L2    | 0    | ("jp-63252033-\$.did. ").PNL                                                                                                                                                                                                                                                                                                                                                                                                                                                          | US-PGRUB;<br>USPAT;<br>DERWENT                                          | OR               | OFF     | 2010/01/05<br>13:23 |
| L3    | 2    | jp-63252033-\$.did.                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | US-PGRUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/01/05<br>13:23 |
| L4    | 2    | wo-9519084-\$.did.                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | US-PGRUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/01/05<br>13:24 |
| L17   | 298  | (US-5455822-\$ or US-5737324-\$ or US-5758291-\$ or US-5946623-\$ or US-4628152-\$ or US-4890315-\$ or US-5278892-\$ or US-5471666-\$ or US-5767494-\$ or US-5943374-\$ or US-6022087-\$ or US-6115612-\$ or US-6188875-\$ or US-6208841-\$ or US-6208853-\$ or US-4509211-\$ or US-4792798-\$ or US-4844476-\$ or US-4939769-\$ or US-4942534-\$ or US-5195090-\$ or US-5305308-\$ or US-5451967-\$ or US-5459727-\$ or US-5493436-\$ or US-5528660-\$.did. or (US-5533093-\$ or US- | USPAT                                                                   | OR               | ON      | 2010/01/05<br>13:36 |

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4908602-\$ or US-  
4908604-\$.did.

|     |    |                                                                                                                            |                                                                         |    |     |                     |
|-----|----|----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|----|-----|---------------------|
| L18 | 75 | 17 and ((frequency or channel) near3 wireless)                                                                             | US-PGRUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/01/05<br>14:46 |
| L19 | 2  | ("6115612").PNL                                                                                                            | US-PGRUB;<br>USPAT;<br>DERWENT                                          | OR | OFF | 2010/01/05<br>16:07 |
| L20 | 0  | wo-95019084-\$.did.                                                                                                        | US-PGRUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/01/05<br>16:12 |
| L21 | 2  | wo-9519084-\$.did.                                                                                                         | US-PGRUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/01/05<br>16:12 |
| L22 | 8  | 17 and ((frequency or channel) near3 idle)                                                                                 | US-PGRUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/01/05<br>16:28 |
| L23 | 10 | 17 and ((frequency or channel) near3 (idle or inactive or standby or sleep))                                               | US-PGRUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/01/05<br>16:31 |
| L24 | 93 | 17 and (idle or inactive or standby or sleep)                                                                              | US-PGRUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/01/05<br>16:32 |
| L25 | 28 | 17 and unused                                                                                                              | US-PGRUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/01/05<br>16:55 |
| L26 | 33 | 17 and ((detect\$5 or scan\$5 or search\$5 or seek\$4 or monitor\$4) with (sleep or idle or inactive or unused or stanby)) | US-PGRUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/01/05<br>17:00 |

|     |     |                                                                             |                                                                         |    |    |                     |
|-----|-----|-----------------------------------------------------------------------------|-------------------------------------------------------------------------|----|----|---------------------|
| L27 | 720 | (select\$4 near8 unused near8 channel)                                      | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/05<br>17:19 |
| L28 | 42  | (select\$4 near8 unused near8 channel) with wireless                        | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/05<br>17:19 |
| L29 | 5   | 23 and machine                                                              | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/05<br>17:30 |
| L30 | 158 | 17 and (machine or equipment)                                               | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/05<br>17:31 |
| L31 | 3   | 17 and (machine near3 controller)                                           | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/05<br>17:34 |
| L32 | 1   | 17 and (wireless near8 machine near3 controller)                            | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/05<br>17:38 |
| L33 | 0   | 17 and (wireless near8 machine near3 controller) and channel                | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/05<br>17:38 |
| L34 | 1   | 17 and (wireless near8 machine near3 controller) and (channel or frequency) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/05<br>17:39 |



|     |     |                                                                                                         |                                                                         |    |    |                     |
|-----|-----|---------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|----|----|---------------------|
| L35 | 4   | 17 and (machine near7 tool)                                                                             | US-PGRUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/05<br>17:40 |
| L36 | 13  | (wireless near8 machine near3 controller) and (channel or frequency) and (machine near2 tool)           | US-PGRUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/05<br>17:41 |
| L37 | 3   | (wireless near8 machine near3 controller) and (channel or frequency) and (machine near2 tool) and robot | US-PGRUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/05<br>17:42 |
| L38 | 111 | (wireless near8 controller) and (channel or frequency) and (machine near2 tool) and robot               | US-PGRUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/05<br>17:43 |
| L39 | 0   | (wireless near8 controller) and (channel or frequency) and (human with machine)                         | US-PGRUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/05<br>17:47 |
| L40 | 572 | (wireless near8 controller) and (channel or frequency) and (human with machine)                         | US-PGRUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/05<br>17:47 |
| L41 | 203 | 40 and @ad<"20031203"                                                                                   | US-PGRUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/05<br>17:49 |
| L42 | 97  | 40 and @ad<"20031203" and (control\$4 near5 machine)                                                    | US-PGRUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/05<br>17:53 |

|     |   |                   |                                                                         |    |    |                     |
|-----|---|-------------------|-------------------------------------------------------------------------|----|----|---------------------|
| L43 | 2 | EP-536417-\$.did. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/05<br>17:56 |
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**EAST Search History (Interference)**

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**1/ 5/ 2010 6:16:08 PM****C:\Documents and Settings\tpham6\My Documents\EAST\Workspaces\10581662-1.wsp**